Exhibit 493-2

A Dictionary of

Computer Science

SEVENTH EDITION



OXFORD

UNIVERSITY PRESS

Great Clarendon Street, Oxford, OX2 6DP, United Kingdom

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First edition 1983 Second edition 1986 Third edition 1990 Fourth edition 1996 Fifth edition 2004 Sixth edition 2008 Seventh edition 2016

Impression: 4

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Published in the United States of America by Oxford University Press 198 Madison Avenue, New York, NY 10016, United States of America

British Library Cataloguing in Publication Data Data available

Library of Congress Control Number: 2015952805

ISBN 978-0-19-968897-5 Ebook ISBN 978-0-19-100288-5 Printed in Great Britain by Clays Ltd., Elcograf S.p.A.

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where logic 1 is assigned to the higher voltage level; in **negative logic** circuits a logic 1 is indicated by the lower voltage level. See also MULTIVALUED LOGIC.

iogic symbols A set of graphical symbols that express the function of individual *logic gates in a *logic diagram. The most common symbols are those for the simple Boolean functions and for flip-flops, as shown in the diagram.

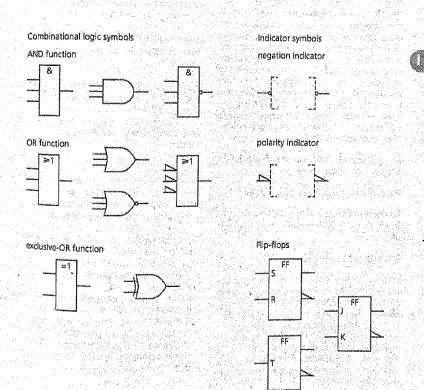
login (logon) The process by which a user identifies herself or himself to a system. The terms are also used as verbs: log in, log on, or sign on. A system with many registered users will require each user to log in, and to produce some form of *authentication (such as a password) before allowing the user

access to system resources. The login activity may also open an *accounting file for the session.

logistic function A ratio of sums of exponentials widely used in statistical analysis. The logistic function lies in the range (0,1), and its inverse, known as the logit of a proportion, is the logarithm of the odds-ratio (see odds).

logit See LOGISTIC FUNCTION.

Logo A programming language developed for use in teaching young children. Logo is a simple but powerful language: it incorporates the concept of *procedures, and helps children to think algorithmically. The original version of Logo incorporated *turtle graphics.



Logic symbols. Commonly used logic symbols